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| | Hirofumi Kawamura | Name: Sony Corporation | |
| | Additional name(s) of conveying party(ies) attached? Yes No | Internal Address: | |
| ļ | 3. Nature of Conveyance: | Street Address: 7-35 Kitashinagawa 6-chome | |
| | X Assignment | Shinagawa-ku, Tokyo, Japan | |
| | Security Agreement Change of Name | City State ZIP | |
| | OtherExecution Date: July 3, 2001 | Additional name(s) & address(es) attached? Yes No | |
| • | 4. Application number(s) or patent number(s): | | |
| If this document is being filed together with a new application, the execution date of the application is: | | | |
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| | 09/869,995 | | |
| | Additional numbers attached? Yes X No | | |
| | Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: | |
| | Name: Jay H. Maioli Internal Address: Cooper & Dunham LLP | 7. Total fee (37 CFR 3.41):\$ 40.00 | |
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| Docket No. | | | |
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| S00P1386US00 | | | |
| SKOOPCT105US | | | |

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

COMMUNICATION CONTROL APPARATUS, HOST EQUIPMENT THEREOF, AND COMMUNICATION METHOD

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, <u>Sony Corporation</u>, a <u>Japanese corporation</u> with offices at <u>7-35</u>, <u>Kitashinagawa 6-chome</u>, <u>Shinagawa-ku</u>, <u>Tokyo 141-0001 Japan</u>(hereinafter reference as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereof;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

Docket No._

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| promptly with all perti said Letters Patent and | nent facts and documents legal equivalents in forei | EE will, upon its request, be provided relating to said application, said invention and gn countries as may be known and accessible ference or litigation related thereof; |
| And I h | ereby covenant that no assure entered into which would | signment, sale, agreement or encumbrance has ld conflict with this assignment and sale. |
| And I h to insert the serial num | ereby authorize and reque ther and filing date of this | est my attorney(s) of record in this application application in the spaces that follow: |
| Internat U.S. Se | tional Application Numbe tional Filing Date <u>Novemb</u> rial Number ling Date | per 13, 2000 |
| This as: | signment executed on the | dates indicated below. |
| Hirofumi KAWAMU Name of first or sole in | RA | July 3, 200/ |
| Kanagawa, Japan | | Date |
| Residence of first or so | | |
| Hirofumi Ka | wamusa | - CIIC D |
| Signature of first or so | ie inventor | Execution date of U.S. Patent Application |
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